BIG LOSS TO OHIO FARMERS

Planting of Poor Seed Corn This Spring Will Reduce Crop Yield.

GERMINATION TEST SHOULD BE MADE OF EVERY EAR

BY T. L. WHEELER.

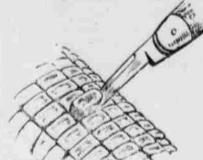
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ent from what it would be were it to produce actual money? A good corn crop, in saleable condition, represents money to the farmer.

One ear of corn of average size has 800 grains, each of which should produce a stalk bearing an ear. This would mean 800 ears, or about eight bushels, which at 50 cents a bushel would sell for \$4.00, Not counting the labor of caring for the crop, that is what each ear of seed corn is worth. It requires just as much labor to plant a poor ear of corn as it does to plant a good ear. and the poor one does not give any-

thing in return for the time and work. The time for planting corn will corn in Ohio and finds that the range be tested. of germination is from 45 to 96 per

F every ear of corn planted in Ohio made, being simply a box, 20 by 30 this spring were to produce four lackes, and about 2 or 3 lackes deep, dollars in actual money, it is very inside measurements. Fill this box likely the people who plant corn would nearly full with moist sand and thenmake a great effort to have every ear stretch cords over the top, each way, grow. But why should seed that is so as to form squares two inches to produce corn be treated any differ- across. These cords can be fastened



to nails driven in the sides of the soon be here. Will your seed corn will make the tester more permanent. grow? Have you tested it? The These squares can be numbered, as Ohio Experiment Station has been shown in the cut, and the numbers making an investigation of the seed made to correspond with the ears to

To make the test, number the ears

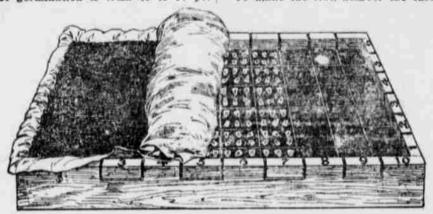


Fig 1 .- A seed corn tester, partly filled, showing construction and how kernels are placed.

cent, much seed which has been han- | consecutively, then remove six kerdled with considerable care showing nels from each ear, as shown in figbelow 80 per cent. Such a state of ure 2. To remove the kernels, use affairs will result in very poor and a pocket knife. Insert the knifeuneven stands, unless every ear blade at the edge of the kernel, and planted is tested to determine wheth- pry it out. (See figure 3.) Begin er it will grow. The Station warns near the butt of the ear, remove one corn growers that the situation is kernel, then turn the ear a little and

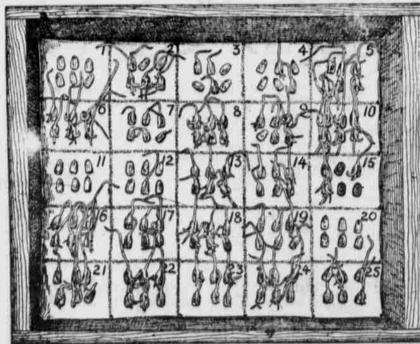


Fig. 2 .- An ear of corn, showing three kernels removed and method of numbering.

down in the 40 per cent?

erop this season, unless he tests inch of moist sand. Then set the

without a parallel in recent years, remove another kernel a little further and should cause no little concern. down, thus going around the ear in a The Agronomy Department, of the spiral, so that the sixth kernel is tak-College of Agriculture, Ohio State en from near the tip, about in line University, finds, in its investigations, with the one removed from the butt. that the germination this spring runs Place these six kernels, germ up, in from 40 to 100 per cent, with an aver- the square in the germinator correage of from 70 to 75 per cent. Is sponding with the number of the ear. your corn in the 100 per cent class, and lay the ear away. Handle each In the average class, or does it rank ear in a similar manner. After the kernels are placed in the tester The man who follows the practice spread two thicknesses of heavy of going to the crib and selecting his white muslin, or any tightly woven seed corn just before planting will cloth, that has been dipped in water, have a poor chance of getting a good over the corn, and on top of this an



Germination test of different cars of corn Discard cars 1, 2, 3, 4, 5,

7, 9, 11, 12, 15, 20 (From Warren's Elements of Agriculture.)

inspector of the Toledo grain market, en not to have it too warm.

illustration (Figure 1). It is easily it will not grow.

every ear and plants only that which tester where there will be a good well grow. E. H. Culver, chief grain growing temperature, care being tak-

writes the Agricultural Extension De- If the proper heat and moisture are partment as follows: "Seed corn in maintained, the corn will have sprout Ohio is in a frightful condition. We ed enough in five days to enable one are receiving it every day, and it is to pick out the good ears. If in any running from 13 to 18 per cent cob- square all the grains do not grow, or rotten grains, besides this they are they show low vitality, the correswelled up and rotten in the chip." sponding ear should be discarded. This refers to the condition of the The ears that show perfect germinaaverage crib corn. Are you selecting tion are then ready for the field, exyour seed from this kind of corn | cept for machine planting, the irreg-If you have not tested your seed ular sized kernels at the tips and corn, do it now. Make a tester, like butts should be graded out and disthe one shown in the accompanying carded. Don't plant dead seed corn.

Mrs. Ella Vance and daughter, Essa, visited Mrs. N. M. Young Saturday

Otto Fawley and family spent Saturday night and Sunday with Jas. Ealen and wife.

Frank Vance and wife took dinner with Chas. Fender and family Sunday. Wilber Harris and wife spent Saturfay in Hillsboro.

Albert Bishir and family spent Sunday with Wm. Bishir, of Winkle.

Mrs. J. Bare and Mrs. Nancy Young visited our school Monday.

Howard Miller and wife spent Easter with his mother at Danville.

The wheat is looking fine in this

Wm. Ludwick and wife, of Winkle, passed through here Sunday enroute

Jim Barrere spent Thursday night

with his brother, Nelson. Carl Workman and family spent Sunday with Barge Peterson.

John Cothem has sold his farm and will move to Hyde Park in the near future.: Chas. V. Purdy, of Lynchburg, spent

Sunday with his parents, L. A. Purdy Geo. Brognard and family spent Sunday with the former's mother.

DANVILLE. April 17, 1911.

Parker Babbott and wife, of near Wilmington, were guests of Gus Calley and wife Saturday and Sunday.

Howard Miller and wife, of Lumberton, spent Sunday with his mother Mrs. Elizabeth Miller. Dr. J. H. Berry, of Cincinnati, vis

ited his parents, Wm. Berry and wife, Sunday and Monday. Dr. Berry is now located at the Longview Asylum Clarence Vance and family, of Sardi-

nia, and Mrs. Geo. Leighman spent Easter with Geo. Vance and family. Homer Burton and wife were guests

of Geo. Wilkin and Jan.ily, near Hollowtown, Sunday. Brice Jones and wife visited the

former's brother, Campbell Jones, and family at Ashland Ky., from Friday

Miss Ethel Carpenter, of Lynchburg, Orley Shaffer and wife, of near New Market, Ed. Rawley and family and Lenard Roush and family spent Sunday with John Roush and family.

N. P. Landess and wife visited their son, O. A. Landess, and family, in Hillsboro, from Saturday until Mon-

Newton Roebuck and family, of near Pricetown, were guests at the home of Geo. Mann, Sunday.

John and Ed. Knauer are spending a few days visiting relatives at Willismsburg and Batavia.

Walter Lemon and wife and little daughter, of Shackelton, Geo. Pugh and wife, of Hillsboro, Miss Chlora Stockwell, of Lynchburg, L. C. Stockwell and family, C. C. Winkle and wife and Eliza Wilkin and family were guests of Wm. Stockwell and wife Sunday.

Miss Pansy McConnaughey, of Pricetown, returned home Tuesday, after spending a few days with relatives

Daniel Henderson and wife entertained Carl Hixson and family and Ed. Hopkins and wife Easter.

Rev. J. H. Beck will preach at the Reformed church Sunday evening, dan, Ind., last Thursday April 23.

Miss Rissa Walker closed a very successful term of school here Friday. Sunday. Miss Edna Fawley, of near Pricetown, was a guest of Misses Anna and

Bessie Wood Sunday. The Ladies' Aid Society of the hristian charch met at the home of Mrs. Elizabeth Miller Wednesday afternoon.

W. W. Fawley and wife and Perry Fawley and family were guests of Mrs. Eliza Pence Sunday.

Wm. Stroup, of Middletown, is visiting his grandparents, Armenor Stroup and wife.

If you have sore eyes of any kind is good for nothing but the eyes. It is painless and harmless, and is positively the best. If you don't say so we will refund your money. Try it and then tell your neighbor. Sold everywhere. 25c a tube.

That over one-fifth of the British steam tonnage affoat and 25 per cent of the total number of British steam vessels above 5000 tons are owned in the port of Liverpool was among the interesting statistics appearing in the annual report just published by the

plan for apprenticeship trade schools. one shot is nearly \$1000,

April 17, 1911. Miss Mammie Taylor and Miss Lily Emery spent Easter with B. F. Morton. Several from this place took the Patterson examination at Hillsboro aturday. Mrs. Ella V BEAUTIFUL PILLOW TOPS

By special arrangement with a large manufacturer we are enabled to make the following Grand Offer:

To all subscribers of the NEWS-HERALD who are raid one year in advance, and to all new subscribers for one year on payment of 40 cents additional, we will give a

HANDSOME MERCERIZED SATEEN SOFA PILLOW TOP

On which is reproduced any photograph or picture you want

These pillows can be washed and ironed without in any way affecting the detail or brilliancy of the picture. You can have your choice of six colors. The work is positively guaranteed to be first class and is sold in many places at \$1.50.

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111 Short Street,

The Old School at Lebanon, Ohio.

What You Can Do There:

You can get forty-eight weeks of opportunity in one year. If you never had a four years' High School Course you can get one in two years in the Prep. Dept.
You can get board at \$1.75 per week; room for 75c per week

You can find a new organization of classes each eight weeks.
You can find a new organization of classes each eight weeks.
You can get, each day, an opportunity to recite. Think about that.—You will get into personal touch with your teachers.
You can, we think, get a teacher's certificate after staying re a less number of weeks than you would have to stay at any other school.

If you are a graduate of a High School of the first grade, you can finish our College Course in two years. You can enter any class without examination. Scores of young people have remained with us for two years of College work, then entered the Senior Class of some of our greatest Universities. By coming our way, each of such students earned and saved in four years at least \$1,500, and at the end had a degree from

a leading eastern or western University.

If you don't understand, or don't believe, or want to know more, write us and it shall be our pleasure to inform you.

FLETCHER HAWK, Dean, Lebanon, Ohio.

HARRISBURG.

C. E. Harris attended the funeral of Col. Pope, at Hillsboro, Wednesday evening.

Death has again invaded our community and taken Silas Gibler, a highly esteemed citizen and neighbor. His body was laid to rest in the Presbyterian cemetery at New Market.

The county commissioners transacted business here last Tuesday.

Our assessor is now making his annual call upon the farmers and listing every thing from your baby down to the dog.

Miss Mary Anderson, of Samantha, was the guestlof home folks Easter.

ing relatives here for the past fort- fit glasses. night, returned to his home at Sheri-

Homer Sanders and family were the guests of D. E. Vance and family,

Mrs. Homer Sanders and Mrs. T. R. Vance called on Mrs. Ira Haynes last Tuesday.

The Ladies Aid met with Mrs. Henry Igo last Thursday and quilted the churchfquilt.

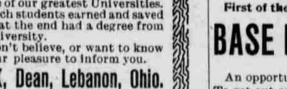
M. C. Vance is spending this week with relatives at Highland.

Dr. Bell's Antiseptic Salve Good for all Skin Diseases.

It is claimed that the oldest living animal is a giant tortoise lately receiv-, much rain. ed at the London zoological gardens. It weighs over 500 pounds and has day with Samuel Ross and family. use Sutherland's Eagle Eye Salve. It lived 160 years, according to historic documents. One hundred and sixty years is a ripe old age for elephant, whales and reptiles, although parrots are known to have lived for longer than a century. There is an instance on record where a tortoise was 80 years old and was still growing.

SUTHERLAND'S EAGLE EYE SALVE Good for Nothing but the Eyes

in the world is the huge five-foot armor States government's great 16-inch rifle. This huge shell of steel can be hurled Brazil is to teach agriculture in the a distance of 20 miles or more and several states, in harmony with the weighs 240 pounds. The cost of firing



April 17, 1911.

SEEING

IS BELIEVING

Do your Eyes ache? Do your Eyes pain?

Do the letters run together? If so, have the trouble cor-Hiram Emery, who has been visit- rected with a pair of properly Division Passenger Agt.

Dr. C. F. Faris

The Eyesight Specialist, EXAMINATION FREE.

OFFICE-First door east of Econ me Store Main street, Hillshore

ROUND HEAD.

April 17, 1911. Farmers are greatly behind with their spring work on account of so

Lewis Mercer and wife spent Thurs L. E. Shaffer closed a successful

school at the Duncan school Friday. D. H. Fox has moved from New Vienna to his farm north east of here. He will build a new house this spring. Miss Jennie Britton substituted for

L. E. Shaffer in his school Wednesday. Mrs. Bert Gilliland entertained her father and her aunt Wednesday.

Tell Your Neighbors

The largest and heaviest projectile When in need of a cough medicine to use Dr. Bell's Pine-Tar-Honey. It is Liverpool Steamship Owner' Associa- piercing shell fired from the United the best. Look for the bell on the Bottle.

> About 30,000,000 words a year pass under the sea. through cables linkinn British and North American ports.

BALTIMORE & OHIO SOUTHWESTERN R.R.

POPULAR EXCURSION

Sunday, April 23

CINCINNATI

First of the Season. Great Came

An opportunity to visit your friends

To get out and enjoy yourselves. Take in the big city. Lots of amusement Special train leaves Hillsboro 8:10 a.

m. Returning, leaves Cincinnati 7 p. m. Round Trip Rate \$1.00 to Cincinnati.

Popular Excursion Sunday, April 23, 1911

Columbus, Mt. Sterling - \$1.40 Washington C. H., Sabina - 1.10 Wilmington - - - - -

For further information call on o address S. Griffin, local ticket agt . or H. C. STEVENSON.

DUNN'S CHAPEL.

April 17, 1911.

Chillicothe, Ohio

Miss Vivian Frost spent Sunday with her friends, Ruth and Stella Dean Lemon, of New Market, visited

Cliff Harris and wife Saturday night and Sunday. F. L. Crosen and family and Mrs. Elmera Moore visited Wm. Weibley

and family Sunday. Miss Mary Burton, of Leesburg, spent Sunday with her parents, Albert

Burton and family. Mrs. Samuel Wiley and son, Russel, and her niece and Mrs. Amos Wiley, of Columbus, are visiting Tom Wiley and mother.

Miss Susie Calloway closed a very successful term of school Friday. Miss Ella Kier, of Mowrystown, is

visiting her parents a few days. Charley Gladell and family visited

her father, John Houser, near New Vienna, recently. Miss Janie and Allen Burton, of Russell, visited relatives here Satur-

day and Sunday. Charley Holliday and family visited

Samuel Edingfield and wife Sunday. Clarence Kier and wife and son, Delbert, visited George Circle and family, of Webertown, Sunday.

Wm. Dudley and family spent Sunday with Dick Ridgeway and family. Ed. Johnson and family, of near Hillsboro, visited A. T. Shook and amily Sunday.